

#11

PPI-119



1

SEQUENCE LISTING

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Findeis, Mark A
Phillips, Kathryn
Hannig, Gerhard

<120> ANTI-INFLAMMATORY COMPOUNDS AND USES THEREOF

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<140> 09/847,946

<141> 2001-05-02

<150> 60/201,261

<151> 2000-05-02

<150> 09/643,260

<151> 2000-08-22

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<223> Description of Artificial Sequence:NEMO binding
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<400> 89

Leu Asp Phe Ser Trp Leu Gln Thr
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<210> 90

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
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<400> 90

Thr Ala Leu Asp Tyr Ser Trp Leu Gln Thr Glu
1 5 10

<210> 91

<211> 9

<212> PRT

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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 91

Leu Asp Tyr Ser Trp Leu Gln Thr Glu
1 5

<210> 92

<211> 8

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 92

Thr Ala Leu Asp Tyr Ser Trp Leu
1 5

<210> 93

<211> 10

<212> PRT

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<223> Description of Artificial Sequence:NEMO binding
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<400> 93

Ala Leu Asp Tyr Ser Trp Leu Gln Thr Glu
1 5 10

<210> 94
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sequence

<400> 94
Leu Asp Tyr Ser Trp Leu Gln Thr Glu
1 5

<210> 95
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sequence

<400> 95
Leu Asp Tyr Ser Trp Leu
1 5

<210> 96
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sequence

<400> 96
Thr Ala Leu Asp Tyr Ser Trp Leu Gln Thr
1 5 10

<210> 97
<211> 9
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sequence

<400> 97
Thr Ala Leu Asp Tyr Ser Trp Leu Gln
1 5

<210> 98
<211> 9
<212> PRT
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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 98

Ala Leu Asp Tyr Ser Trp Leu Gln Thr
1 5

<210> 99

<211> 7

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 99

Leu Asp Tyr Ser Trp Leu Gln
1 5

<210> 100

<211> 8

<212> PRT

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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 100

Leu Asp Tyr Ser Trp Leu Gln Thr
1 5

<210> 101

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 101

Thr Ala Leu Asp Trp Ala Trp Leu Gln Thr Glu
1 5 10

<210> 102

<211> 9

<212> PRT

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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 102

Leu Asp Trp Ala Trp Leu Gln Thr Glu
1 5

<210> 103
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sequence

<400> 103
Thr Ala Leu Asp Trp Ala Trp Leu
1 5

<210> 104
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sequence

<400> 104
Ala Leu Asp Trp Ala Trp Leu Gln Thr Glu
1 5 10

<210> 105
<211> 9
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sequence

<400> 105
Leu Asp Trp Ala Trp Leu Gln Thr Glu
1 5

<210> 106
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sequence

<400> 106
Leu Asp Trp Ala Trp Leu
1 5

<210> 107
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sequence

<400> 107

Thr Ala Leu Asp Trp Ala Trp Leu Gln Thr
1 5 10

<210> 108

<211> 9

<212> PRT

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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 108

Thr Ala Leu Asp Trp Ala Trp Leu Gln
1 5

<210> 109

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 109

Ala Leu Asp Trp Ala Trp Leu Gln Thr
1 5

<210> 110

<211> 7

<212> PRT

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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 110

Leu Asp Trp Ala Trp Leu Gln
1 5

<210> 111

<211> 8

<212> PRT

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<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 111

Leu Asp Trp Ala Trp Leu Gln Thr
1 5

<210> 112
<211> 11
<212> PRT
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sequence

<400> 112
Thr Ala Leu Asp Trp Glu Trp Leu Gln Thr Glu
1 5 10

<210> 113
<211> 9
<212> PRT
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sequence

<400> 113
Leu Asp Trp Glu Trp Leu Gln Thr Glu
1 5

<210> 114
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sequence

<400> 114
Thr Ala Leu Asp Trp Glu Trp Leu
1 5

<210> 115
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<212> PRT
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<220>
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sequence

<400> 115
Ala Leu Asp Trp Glu Trp Leu Gln Thr Glu
1 5 10

<210> 116
<211> 9
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<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 116

Leu Asp Trp Glu Trp Leu Gln Thr Glu
1 5

<210> 117

<211> 6

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 117

Leu Asp Trp Glu Trp Leu
1 5

<210> 118

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 118

Thr Ala Leu Asp Trp Glu Trp Leu Gln Thr
1 5 10

<210> 119

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 119

Thr Ala Leu Asp Trp Glu Trp Leu Gln
1 5

<210> 120

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 120

Ala Leu Asp Trp Glu Trp Leu Gln Thr
1 5

<210> 121
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 121
Leu Asp Trp Glu Trp Leu Gln
1 5

<210> 122
<211> 8
<212> PRT
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<220>
<223> Description of Artificial Sequence:NEMO binding
sequence

<400> 122
Leu Asp Trp Glu Trp Leu Gln Thr
1 5

<210> 123
<211> 7
<212> PRT
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<220>
<223> Description of Artificial Sequence:membrane
translocation domain

<400> 123
Arg Arg Met Lys Trp Lys Lys
1 5

<210> 124
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:membrane
translocation domain

<400> 124
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 125
<211> 11
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:membrane
translocation domain

<400> 125

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 126

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:membrane
translocation domain

<400> 126

Tyr Ala Arg Lys Ala Arg Arg Gln Ala Arg Arg
1 5 10

<210> 127

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:membrane
translocation domain

<400> 127

Tyr Ala Arg Lys Ala Arg Arg Gln Ala Arg Arg
1 5 10

<210> 128

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:membrane
translocation domain

<400> 128

Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg
1 5 10

<210> 129

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:membrane
translocation domain

<400> 129

Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg
1 5 10

<210> 130
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:membrane
 translocation domain

<400> 130
 Arg Arg Met Lys Trp Lys Lys
 1 5

<210> 131
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial
 Sequence:anti-inflammatory compound

<400> 131
 Arg Arg Met Lys Trp Lys Lys Thr Ala Leu Asp Trp Ser Trp Leu Gln
 1 5 10 15

Thr Glu

<210> 132
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial
 Sequence:anti-inflammatory compound

<400> 132
 Thr Ala Leu Asp Trp Ser Trp Leu Gln Thr Glu
 1 5 10

<210> 133
 <211> 22
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial
 Sequence:anti-inflammatory compound

<400> 133
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Thr Ala Leu Asp Trp
 1 5 10 15

Ser Trp Leu Gln Thr Glu
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<210> 134
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 134
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Thr Ala Leu Asp Trp
1 5 10 15
Ser Trp Leu Gln Thr Glu
20

<210> 135
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 135
Arg Arg Arg Arg Arg Arg Arg Thr Ala Leu Asp Trp Ser Trp Leu Gln
1 5 10 15
Thr Glu

<210> 136
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 136
Arg Arg Arg Arg Arg Arg Arg Thr Ala Leu Asp Trp Ser Trp Leu Gln
1 5 10 15
Thr Glu

<210> 137
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 137
Tyr Ala Arg Lys Ala Arg Arg Gln Ala Arg Arg Thr Ala Leu Asp Trp

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32

1

5

10

15

Ser Trp Leu Gln Thr Glu
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<210> 138

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 138

Tyr Ala Arg Lys Ala Arg Arg Gln Ala Arg Arg Thr Ala Leu Asp Trp
1 5 10 15

Ser Trp Leu Gln Thr Glu
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<210> 139

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 139

Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg Thr Ala Leu Asp Trp
1 5 10 15

Ser Trp Leu Gln Thr Glu
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<210> 140

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 140

Thr Ala Leu Asp Trp Ser Trp Leu Gln Thr Glu
1 5 10

<210> 141

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 141

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Leu Asp Trp Ser Trp
1 5 10 15

Leu

<210> 142

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 142

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Leu Asp Trp Ser Trp
1 5 10 15

Leu

<210> 143

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 143

Arg Arg Met Lys Trp Lys Lys Leu Asp Trp Ser Trp Leu
1 5 10

<210> 144

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 144

Arg Arg Met Lys Trp Lys Lys Leu Asp Trp Ser Trp Leu
1 5 10

<210> 145

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 145

Arg Arg Arg Arg Arg Arg Arg Leu Asp Trp Ser Trp Leu
1 5 10

<210> 146

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 146

Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg Leu Asp Trp Ser Trp
1 5 10 15

Leu

<210> 147

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 147

Tyr Ala Arg Ala Ala Arg Arg Ala Ala Arg Arg Leu Asp Trp Ser Trp
1 5 10 15

Leu

<210> 148

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:anti-inflammatory compound

<400> 148

Arg Arg Arg Arg Arg Arg Arg Leu Asp Trp Ser Trp Leu
1 5 10

<210> 149

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 149

Arg Arg Arg Arg Arg Arg

1

5

<210> 150

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial

Sequence:mebrane translocation domain

<400> 150

Arg Arg Arg Arg Arg Arg Arg

1

5

<210> 151

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial

Sequence:mebrane translocation domain

<400> 151

Arg Arg Arg Arg Arg Arg Arg Arg

1

5

<210> 152

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial

Sequence: mebrane translocation domain

<400> 152

Arg Arg Arg Arg Arg Arg Arg Arg

1

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<210> 153

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial

Sequence:mebrane translocation domain

<400> 153

Arg Arg Arg Arg Arg Arg Arg Arg Arg

1

5

10

<210> 154

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 154

Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5 10

<210> 155

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 155

Arg Arg Arg Arg Arg Arg
1 5

<210> 156

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 156

Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 157

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 157

Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 158

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial

Sequence:mebrane translocation domain

<400> 158

Arg Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 159

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 159

Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5 10

<210> 160

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial
Sequence:mebrane translocation domain

<400> 160

Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5 10